

Title (en)
BLADE ELEMENT FOR A REFINER

Title (de)
FLÜGELEMENT FÜR EINEN REFINER

Title (fr)
ELEMENT LAME POUR RAFFINEUR

Publication
EP 2668331 A1 20131204 (EN)

Application
EP 12739993 A 20120126

Priority
• FI 20115082 A 20110127
• FI 2012050073 W 20120126

Abstract (en)
[origin: WO2012101330A1] A refiner (10, 11) for refining fibrous material comprises at least one first refining surface (1') and at least one second refining surface (2'), which refining surfaces (1', 2') are arranged opposite to one another and mobile in relation to one another. In the refiner (10, 11) either at least the first (1') or the second (2') refining surface comprises refining surface portions (15, 27) feeding material to be refined and/or refining surface portions (15, 27) discharging refined material as well as refining surface portions (16) grinding the material to be refined, on the upper surface of which there are blade bars (17) and between them blade grooves (18). In at least one refining surface (1', 2') of the refiner (10, 11) the cross-sectional area (A) of at least some blade grooves (18) is arranged to decrease from one blade groove (18) to the next from the direction of the feed edge (13) to the direction of the discharge edge (14) of the refining surface (1', 2'). Further a blade element (12) for a refiner (10, 11) intended for refining fibrous material.

IPC 8 full level
D21D 1/30 (2006.01); **B02C 7/12** (2006.01); **D21D 1/22** (2006.01)

CPC (source: EP FI US)
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